

PCT/us 99/01588 Search.

\*\*\*\*\*STN Columbus\*\*\*\*\*

FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999

=> file medline, caplus

=> s heat shock proteins

L1 14797 HEAT SHOCK PROTEINS

=> s l1 and ubiquitin

L2 197 L1 AND UBIQUITIN

=> s l2 and gonadotropin releasing hormone

L3 0 L2 AND GONADOTROPIN RELEASING  
HORMONE

=> s l2 and fsh

L4 0 L2 AND FSH

=> s l2 and follicle stimulin hormone

L5 0 L2 AND FOLLICULE STIMULATIN HORMONE

=> s ubiquitin and follicle stimulating hormone

L6 0 UBIQUITIN AND FOLLICULE STIMULATING  
HORMONE

=> s ubiquitin and follicle stimulating hormone receptor

L7 0 UBIQUITIN AND FOLLICULE STIMULATING  
HORMONE RECEPTOR

=> s fusion protein and FSH receptor

L8 4 FUSION PROTEIN AND FSH RECEPTOR

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 3 DUP REM L8 (1 DUPLICATE REMOVED)

=> d 1-3

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1997:696874 CAPLUS

DN 127:355666

TI Manufacture of soluble anterior pituitary hormone receptors as  
cleavable

fusion products with a membrane anchor peptide

IN Hsueh, Aaron J. W.; Kobilka, Brian K.; Kudo, Masataka

PA Leland Stanford Junior University, USA

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9739131 A1 19971023 WO 97-US6117  
19970414

W: AU, CA, JP

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,

MC, NL, PT, SE

AU 9727282 A1 19971107 AU 97-27282 19970414

PRAI US 96-15450 19960415

WO 97-US6117 19970414

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1997:652138 CAPLUS

DN 127:326751

TI Derivation of functional antagonists using N-terminal  
extracellular domain

of gonadotropin and thyrotropin receptors

AU Osuga, Yutaka; Kudo, Masataka; Kaipia, Antti; Kobilka,  
Brian; Hsueh, Aaron

J. W.

CS Div. Reproductive Biol., Stanford Univ. Med. Sch., Stanford,  
CA, 94305,

USA

SO Mol. Endocrinol. (1997), 11(11), 1659-1668

CODEN: MOENEN; ISSN: 0888-8809

PB Endocrine Society

DT Journal

LA English

L9 ANSWER 3 OF 3 MEDLINE

DUPLICATE

1

AN 96223626 MEDLINE

DN 96223626

TI Anti-human \*\*\*FSH\*\*\* \*\*\*receptor\*\*\* monoclonal  
antibodies:

immunochemical and immunocytochemical characterization of  
the receptor.

AU Vannier B; Loosfelt H; Meduri G; Pichon C; Milgrom E

CS Unite de Recherches Hormones et Reproduction, Institut  
National de la

Sante et de la Recherche Medicale, Hopital de Bicetre, Le  
Kremlin-Bicetre,

France.

SO BIOCHEMISTRY, (1996 Feb 6) 35 (5) 1358-66.

Journal code: A0G. ISSN: 0006-2960.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199609

=> s fusion protein and gonadotropin releasing hormone

L10 0 FUSION PROTEIN AND GOANDOTROPIN  
RELEASING HORMONE

=> s l1 and gonadotropin releasing hormone

L11 0 L1 AND GONADOTROPIN RELEASING  
HORMONE

=> s l1 and growth factor hormone

L12 0 L1 AND GROWTH FACTOR HORMONE

=> s l1 and immune response

L13 322 L1 AND IMMUNE RESPONSE

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 256 DUP REM L13 (66 DUPLICATES REMOVED)

=> d 1-10

L14 ANSWER 1 OF 256 MEDLINE  
 AN 1999081750 MEDLINE  
 DN 99081750  
 TI Existing antilisterial immunity does not inhibit the development of a  
 Listeria monocytogenes-specific primary cytotoxic T-lymphocyte response.  
 AU Bouwer H G; Shen H; Fan X; Miller J F; Barry R A; Hinrichs D J  
 CS Immunology Research, Veterans Affairs Medical Center, Earle A. Chiles  
 Research Institute, Portland, Oregon, USA.. bouwera@ohsu.edu  
 NC RO1 AI40698 (NIAID)  
 RO1 AI23455 (NIAID)  
 AI38955 (NIAID)  
 +  
 SO INFECTION AND IMMUNITY, (1999 Jan) 67 (1) 253-8.  
 Journal code: GO7. ISSN: 0019-9567.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; Cancer Journals  
 EM 199903  
 EW 19990305

L14 ANSWER 2 OF 256 MEDLINE  
 DUPLICATE 1  
 AN 1999081723 MEDLINE  
 DN 99081723  
 TI Murine gamma delta T lymphocytes elicited during Plasmodium yoelii  
 infection respond to Plasmodium \*\*\*heat\*\*\* \*\*\*shock\*\*\*  
 \*\*\*proteins\*\*\*  
 AU Kopacz J; Kumar N  
 CS Department of Molecular Microbiology and Immunology, Johns Hopkins  
 University School of Hygiene and Public Health, Baltimore,  
 Maryland 21205,  
 USA.  
 NC AI31589 (NIAID)  
 SO INFECTION AND IMMUNITY, (1999 Jan) 67 (1) 57-63.  
 Journal code: GO7. ISSN: 0019-9567.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; Cancer Journals  
 EM 199903  
 EW 19990305

L14 ANSWER 3 OF 256 MEDLINE  
 AN 1998277490 MEDLINE  
 DN 98277490  
 TI Gleanings on Helicobacter pylori infection, antigenic profile of strains,  
 host's \*\*\*immune\*\*\* \*\*\*response\*\*\* [comment].  
 CM Comment on: Ital J Gastroenterol Hepatol 1998  
 Feb;30(1):36-9  
 AU Figura N  
 CS Institute of Internal Medicine, University of Siena, Italy..  
 figura@unisi.it  
 SO ITALIAN JOURNAL OF GASTROENTEROLOGY AND  
 HEPATOLOGY, (1998 Feb) 30 (1)  
 40-2. Ref: 32  
 Journal code: CVR.  
 CY Italy  
 DT Commentary  
 Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals

EM 199810  
 EW 19981002

L14 ANSWER 4 OF 256 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:346229 CAPLUS  
 DN 129:80543  
 TI Role of ehrlichial components in \*\*\*immune\*\*\*  
 \*\*\*response\*\*\*  
 AU Chaichanasiriwithaya, Wiwat  
 CS Ohio State Univ., Columbus, OH, USA  
 SO (1998) 102 pp. Avail.: UMI, Order No. DA9822293  
 From: Diss. Abstr. Int., B 1998, 59(1), 115  
 DT Dissertation  
 LA English

L14 ANSWER 5 OF 256 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:548557 CAPLUS  
 DN 129:156934  
 TI Adoptive immunotherapy utilizing heat shock/stress  
 protein-peptide  
 complexes for prevention/treatment of cancer or infectious  
 diseases  
 IN Srivastava, Pramod K.  
 PA Fordham University, USA  
 SO PCT Int. Appl., 77 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834642	A1	19980813	WO 98-US2194

 DATE

19980203  
 W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU,  
 CZ, EE, GE, GH,  
 GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT,  
 LV, MD,  
 MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL,  
 TJ, TM, TR,  
 TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,  
 TM  
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH,  
 DE, DK, ES, FI,  
 FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,  
 CI, CM,  
 GA, GN, ML, MR, NE, SN, TD, TG  
 US 5830464 A 19981103 US 97-796316 19970207  
 AU 9860564 A1 19980826 AU 98-60564 19980203  
 PRAI US 97-796316 19970207  
 WO 98-US2194 19980203

L14 ANSWER 6 OF 256 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:548556 CAPLUS  
 DN 129:156933  
 TI Prevention and treatment of primary and metastatic neoplastic  
 diseases and  
 infectious diseases with heat shock/stress protein-peptide  
 complexes  
 IN Srivastava, Pramod K.; Chandawarkar, Rajiv Y.  
 PA Fordham University, USA  
 SO PCT Int. Appl., 90 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834641	A1	19980813	WO 98-US2193

 DATE

19980203

W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU,  
CZ, EE, GE, GH,  
GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT,  
LV, MD,  
MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL,  
TJ, TM, TR,  
TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,  
TM  
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH,  
DE, DK, ES, FI,  
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,  
CI, CM,  
GA, GN, ML, MR, NE, SN, TD, TG  
AU 9861455 A1 19980826 AU 98-61455 19980203  
PRAI US 97-796319 19970207  
WO 98-US2193 19980203

L14 ANSWER 7 OF 256 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:424096 CAPLUS  
DN 129:94451  
TI Superantigen based methods and compositions for treatment of  
diseases  
IN Terman, David S.  
PA Terman, David S., USA  
SO PCT Int. Appl., 140 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9826747 A2 19980625 WO 97-US23637  
19971217  
W: CA, JP  
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,  
MC, NL, PT, SE  
PRAI US 96-33172 19961217  
US 97-44074 19970417

L14 ANSWER 8 OF 256 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:388603 CAPLUS  
DN 129:40131  
TI Vaccines for inducing cell-mediated cytolytic response  
comprising antigen  
and stress protein  
IN Mizzen, Lee; Anthony, Lawrence S. D.  
PA Stressgen Biotechnologies Corp., Can.; Mizzen, Lee; Anthony,  
Lawrence S.  
D.  
SO PCT Int. Appl., 71 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9823735 A1 19980604 WO 97-CA897  
19971125  
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,  
CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,  
KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,  
MW, MX, NO, NZ,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
UA, UG,  
US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,  
TM  
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,

DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
CM, GA,  
GN, ML, MR, NE, SN, TD, TG  
AU 9851120 A1 19980622 AU 98-51120 19971125  
PRAI US 96-756621 19961126  
WO 97-CA897 19971125

L14 ANSWER 9 OF 256 MEDLINE  
AN 1998395103 MEDLINE  
DN 98395103  
TI Two-site interaction of nuclear factor of activated T cells with  
activated  
calcineurin.  
AU Garcia-Cozar F J; Okamura H; Aramburu J F; Shaw K T Y;  
Pelletier L;  
Showalter R; Villafranca E; Rao A  
CS Department of Pathology, Harvard Medical School and the  
Center for Blood  
Research, Boston, Massachusetts 02115, USA.  
NC AI 40127 (NIAID)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 11)  
273 (37) 23877-83.  
Journal code: HIV. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Cancer Journals  
EM 199812  
EW 19981203

L14 ANSWER 10 OF 256 MEDLINE  
AN 1999036378 MEDLINE  
DN 99036378  
TI Characteristics of the strong antibody response to mycobacterial  
Hsp70: a  
primary, T cell-dependent IgG response with no evidence of  
natural priming  
or gamma delta T cell involvement.  
AU Bonorino C; Nardi N B; Zhang X; Wysocki L J  
CS Department of Microbiology, Pontificia Universidade Catolica  
do Rio Grande  
do Sul Av, Porto Alegre, Brazil.. cbonorino@music.pucrs.br  
NC RO1AI39563 (NIAID)  
SO JOURNAL OF IMMUNOLOGY, (1998 Nov 15) 161 (10)  
5210-6.  
Journal code: IFB. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals; Cancer  
Journals  
EM 199902  
EW 19990204

=> s gonadotropin releasing hormone

L15 11249 GONADOTROPIN RELEASING HORMONE

=> s 115 and fusion protein

L16 18 L15 AND FUSION PROTEIN

=> s 115 and ubiquitin

L17 0 L15 AND UBIQUITIN

=> d 116 1-10

L16 ANSWER 1 OF 18 MEDLINE

AN 97156635 MEDLINE  
 DN 97156635  
 TI Potential role for a regulator of G protein signaling (RGS3) in  
 \*\*\*gonadotropin\*\*\* - \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*  
 (GnRH)  
 stimulated desensitization.  
 AU Neill J D; Duck L W; Sellers J C; Musgrove L C; Scheschonka  
 A; Druey K M;  
 Kehrl J H  
 CS Department of Physiology and Biophysics, School of Medicine,  
 University of  
 Alabama at Birmingham 35294, USA.  
 SO ENDOCRINOLOGY, (1997 Feb) 138 (2) 843-6.  
 Journal code: EGZ. ISSN: 0013-7227.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals; Cancer  
 Journals  
 OS GENBANK-M55412  
 EM 199704

L16 ANSWER 2 OF 18 MEDLINE  
 AN 94191098 MEDLINE  
 DN 94191098  
 TI Testosterone effects on spermatogenesis in the  
 \*\*\*gonadotropin\*\*\* -  
 \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* -immunized rat.  
 AU McLachlan R I; Wreford N G; Tsonis C; De Kretser D M;  
 Robertson D M  
 CS Prince Henry's Institute of Medical Research, Monash  
 University, Clayton,  
 Victoria, Australia..  
 SO BIOLOGY OF REPRODUCTION, (1994 Feb) 50 (2) 271-80.  
 Journal code: A3W. ISSN: 0006-3363.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199407

L16 ANSWER 3 OF 18 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:73961 CAPLUS  
 TI Characterization of an intrinsically fluorescent  
 \*\*\*gonadotropin\*\*\* -  
 \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* receptor and effects of  
 ligand binding  
 on receptor lateral diffusion  
 AU Nelson, Scott; Horvat, Regina D.; Malvey, Jennifer; Roess,  
 Deborah A.;  
 Barisas, B. George; Clay, Colin M.  
 CS Department of Physiology, Colorado State University, Fort  
 Collins, CO,  
 80523, USA  
 SO Endocrinology (1999), 140(2), 950-957  
 CODEN: ENDOAO; ISSN: 0013-7227  
 PB Endocrine Society  
 DT Journal  
 LA English

L16 ANSWER 4 OF 18 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:749357 CAPLUS  
 DN 130:24097  
 TI GnRH-leukotoxin chimeras  
 IN Potter, Andrew A.; Manns, John G.  
 PA University of Saskatchewan, Can.  
 SO U.S., 84 pp., Cont.-in-part of U. S. 5,723,129.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
PI US 5837268	A	19981117	US 96-694865
19960809			
US 5422110	A	19950606	US 92-960932 19921014
US 5723129	A	19980303	US 95-387156 19950210
WO 9806848	A1	19980219	WO 97-CA559
19970808			
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,		
CN, CU, CZ, DE,			
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR,			
KZ, LC,			
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,			
NO, NZ, PL, PT,			
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG,			
UZ, VN, AM,			
AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,			
DK, ES, FI, FR,			
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,			
CM, GA,			
GN, ML, MR, NE, SN, TD, TG			
AU 9738437	A1	19980306	AU 97-38437 19970808
PRAI US 91-779171		19911016	
US 92-960932		19921014	
US 95-387156		19950210	
US 96-694865		19960809	
WO 97-CA559		19970808	

L16 ANSWER 5 OF 18 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:548554 CAPLUS  
 DN 129:160627  
 TI Immunization against endogenous \*\*\*gonadotropin\*\*\* -  
 \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\*  
 IN Harland, Richard; Manns, John G.; Acres, Stephen D.  
 PA Biostar Inc., Can.  
 SO PCT Int. Appl., 61 pp.  
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834639	A1	19980813	WO 98-CA59
19980204			
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,		
CN, CU, CZ, DE,			
DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,			
KP, KR,			
KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,			
MW, MX, NO, NZ,			
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,			
UA, UG,			
UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH,			
DE, DK, ES, FI,			
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,			
CI, CM,			
GA, GN, ML, MR, NE, SN, TD, TG			
AU 9858497	A1	19980826	AU 98-58497 19980204
PRAI US 97-36883		19970205	
WO 98-CA59		19980204	

L16 ANSWER 6 OF 18 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:476943 CAPLUS  
 DN 129:240143  
 TI Investigation into suitable carrier molecules for use in an anti-  
 \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*

vaccine

AU Ferro, V. A.; Stimson, W. H.  
CS Department of Immunology, University of Strathclyde,  
Glasgow, G4 0NR, UK  
SO Vaccine (1998), 16(11/12), 1095-1102  
CODEN: VACCDE; ISSN: 0264-410X  
PB Elsevier Science Ltd.  
DT Journal  
LA English

L16 ANSWER 7 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:157345 CAPLUS  
DN 128:216361  
TI Immunogenicity of GnRH-leukotoxin chimeras  
IN Potter, Andrew A.; Manns, John G.  
PA University of Saskatchewan, Can.  
SO U.S., 60 pp. Cont.-in-part of U.S. 5,422,110.  
CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 6

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI US 5723129 A 19980303 US 95-387156  
19950210  
US 5422110 A 19950606 US 92-960932 19921014  
WO 9624675 A1 19960815 WO 96-CA49  
19960124  
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,  
CZ, DE, DK, EE,  
ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR,  
LS, LT,  
LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,  
RO, RU, SD, SE,  
SG, SI  
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES,  
FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,  
GN, ML, MR,  
NE, SN  
CA 2212054 AA 19960815 CA 96-2212054  
19960124  
AU 9644777 A1 19960827 AU 96-44777 19960124  
EP 808369 A1 19971126 EP 96-900796 19960124  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE,  
PT, IE  
BR 9607526 A 19971230 BR 96-7526 19960124  
US 5837268 A 19981117 US 96-694865 19960809  
PRAI US 91-779171 19911016  
US 92-960932 19921014  
US 95-387156 19950210  
WO 96-CA49 19960124

L16 ANSWER 8 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:126357 CAPLUS  
DN 128:204067  
TI \*\*\*Gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*  
-leukotoxin  
chimeras and their use in vaccination  
IN Potter, Andrew A.; Manns, John G.  
PA University of Saskatchewan, Can.  
SO PCT Int. Appl., 128 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 6

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9806848 A1 19980219 WO 97-CA559

19970808

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,  
CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR,  
KZ, LC,  
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,  
NO, NZ, PL, PT,  
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG,  
UZ, VN, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,  
DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
CM, GA,  
GN, ML, MR, NE, SN, TD, TG

US 5837268 A 19981117 US 96-694865 19960809  
AU 9738437 A1 19980306 AU 97-38437 19970808  
PRAI US 96-694865 19960809  
US 91-779171 19911016  
US 92-960932 19921014  
US 95-387156 19950210  
WO 97-CA559 19970808

L16 ANSWER 9 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:1391 CAPLUS  
DN 128:84392

TI Chimeric toxins for targeted cancer therapy  
IN Yarkoni, Shai; Nechushtan, Amotz; Lorberboum-Galski, Haya;  
Marianovski,

Irina  
PA Yissum Research Development Company, Israel; Yarkoni,  
Shai; Nechushtan,  
Amotz; Lorberboum-Galski, Haya; Marianovski, Irina  
SO PCT Int. Appl., 30 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9746259 A2 19971211 WO 97-IL180  
19970604  
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,  
CZ, DE, DK, EE,  
ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK,  
LR, LS,  
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,  
PT, RO, RU, SD,  
SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,  
AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM  
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK,  
ES, FI, FR, GB,  
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,  
GA, GN,  
ML, MR, NE, SN, TD, TG  
AU 9730452 A1 19980105 AU 97-30452 19970604  
PRAI IL 96-118570 19960604  
WO 97-1  
L180 19970604

L16 ANSWER 10 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1997:354029 CAPLUS  
DN 126:334372  
TI Hybrid molecules containing amidated polypeptide binding  
ligands  
IN Leeman, Susan E.; Murphy, John R.; Vanderspek, Johanna C.;  
Fisher,  
Caroline E.  
PA Boston Medical Center Corporation, USA; Leeman, Susan E.;

Murphy, John R.;  
Vanderspek, Johanna C.; Fisher, Caroline E.  
SO PCT Int. Appl., 50 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO.      KIND      DATE      APPLICATION NO.  
DATE

PI WO 9713410      A1 19970417      WO 96-US16237  
19961011  
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,  
CN, CZ, DE, DK,  
EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK,  
LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,  
NZ, PL, PT, RO,  
RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US,  
UZ, VN, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI,  
FR, GB, GR,  
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI  
AU 9675952      A1 19970430      AU 96-75952      19961011  
AU 698031      B2 19981022  
PRAI US 95-5431      19951013  
US 96-728747      19961011  
WO 96-US16237      19961011

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(FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999)

FILE 'MEDLINE, CAPLUS' ENTERED AT 09:56:22 ON 09  
MAR 1999

L1 14797 S HEAT SHOCK PROTEINS  
L2 197 S L1 AND UBIQUITIN  
L3 0 S L2 AND GONADOTROPIN RELEASING  
HORMONE  
L4 0 S L2 AND FSH  
L5 0 S L2 AND FOLLICULE STIMULATING HORMONE  
L6 0 S UBIQUITIN AND FOLLICULE STIMULATING  
HORMONE  
L7 0 S UBIQUITIN AND FOLLICULE STIMULATING  
HORMONE RECEPTOR  
L8 4 S FUSION PROTEIN AND FSH RECEPTOR  
L9 3 DUP REM L8 (1 DUPLICATE REMOVED)  
L10 0 S FUSION PROTEIN AND GONADOTROPIN  
RELEASING HORMONE  
L11 0 S L1 AND GONADOTROPIN RELEASING  
HORMONE  
L12 0 S L1 AND GROWTH FACTOR HORMONE  
L13 322 S L1 AND IMMUNE RESPONSE  
L14 256 DUP REM L13 (66 DUPLICATES REMOVED)  
L15 11249 S GONADOTROPIN RELEASING HORMONE  
L16 18 S L15 AND FUSION PROTEIN  
L17 0 S L15 AND UBIQUITIN

=> d 116 11-8

'11-8' IS NOT A VALID FORMAT

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or the STNGUIDE file for information on formats available in  
individual files.

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(FILEDEFAULT):d 116 11-8

'D' IS NOT A VALID FORMAT

'L44' IS NOT A VALID FORMAT  
'11-18' IS NOT A VALID FORMAT

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in at least one of the files. Refer to file specific help messages  
or the STNGUIDE file for information on formats available in  
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES  
(FILEDEFAULT):all

L16 ANSWER 1 OF 18 MEDLINE

AN 97156635 MEDLINE

DN 97156635

TI Potential role for a regulator of G protein signaling (RGS3) in  
\*\*\*gonadotropin\*\*\* - \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*  
(GnRH)

stimulated desensitization.

AU Neill J D; Duck L W; Sellers J C; Musgrove L C; Scheschonka  
A; Druey K M;  
Kehrl J H

CS Department of Physiology and Biophysics, School of Medicine,  
University of

Alabama at Birmingham 35294, USA.

SO ENDOCRINOLOGY, (1997 Feb) 138 (2) 843-6.

Journal code: EGZ. ISSN: 0013-7227.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals; Cancer  
Journals

OS GENBANK-M55412

EM 199704

AB The cellular and molecular mechanisms of gonadotrope  
desensitization are

unknown but transduction of the GnRH signal is known to  
involve

sequentially the GnRH receptor, Gq alpha protein, phospholipase  
C beta-1,

inositol-1,4,5-trisphosphate (IP3), and intracellular Ca+2 release.  
Here,

we report the results of studies of a new family of proteins known  
as

regulators of G protein signaling (RGS) that recently have been  
implicated

in desensitization of several ligand induced processes. Using  
DNA-mediated

transfection, we co-expressed the GnRH receptor and RGS1,2,3,  
or 4 in

COS-1 cells. Control cells and those expressing RGS1,2, and 4  
produced

five fold increases in IP3 levels during the 30 sec after treatment  
with

GnRH. In contrast, RGS3 expression suppressed by 75% the  
GnRH-induced IP3

responses. RGS3 was shown to bind Gq alpha protein in a model  
in vitro

system: recombinant RGS3-glutathione-S-transferase (GST)  
\*\*\*fusion\*\*\*

\*\*\*protein\*\*\* bound five-fold more 35S-met labeled Gq alpha  
protein than

did with GST alone, suggesting that the mechanism of RGS3  
action is

attenuation of Gq alpha protein activation of phospholipase C.  
RGS3 mRNA

and protein were observed to be expressed endogenously in the  
gonadotropic

alpha T3-1 cell line. These results suggest a potential role for  
RGS3 in

modulating the LH secretory responsiveness of the pituitary  
gonadotrope to

GnRH.

CT Check Tags: Animal

Cell Line

COS Cells

\*G-Proteins: ME, metabolism

Glutathione Transferase: ME, metabolism

\*Gonadorelin: PD, pharmacology

Inositol 1,4,5-Trisphosphate: BI, biosynthesis

LH: SE, secretion

Molecular Sequence Data

Pituitary Gland, Anterior: CH, chemistry

Proteins: GE, genetics

\*Proteins: PH, physiology

Rats

Receptors, LHRH: GE, genetics

Recombinant Fusion Proteins

RNA, Messenger: AN, analysis

\*Signal Transduction

Transfection

RN 33515-09-2 (Gonadorelin); 85166-31-0 (Inositol

1,4,5-Trisphosphate);

9002-67-9 (LH)

CN EC 2.5.1.18 (Glutathione Transferase); 0 (G-Proteins); 0

(Proteins); 0

(Receptors, LHRH); 0 (Recombinant Fusion Proteins); 0 (RGS3

protein); 0

(RNA, Messenger)

=> d 116 18

L16 ANSWER 18 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1987:17021 CAPLUS

DN 106:17021

TI Identification and synthesis of hormones involved in the  
biochemistry of

reproduction in mammals

IN Seeburg, Peter Horst; Adelman, John Peter

PA Genentech, Inc., USA

SO Eur. Pat. Appl., 52 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
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DATE

PI EP 178867	A2	19860423	EP 85-307311	19851011
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EP 178867	A3	19880107		
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EP 178867	B1	19940112		
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R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

AT 100143	E	19940115	AT 85-307311	19851011
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AU 8548549	A1	19860529	AU 85-48549	19851014
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AU 603542	B2	19901122		
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JP 61112100	A2	19860530	JP 85-234373	19851018
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US 5075224	A	19911224	US 91-681628	19910402
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PRAI US 84-663097 19841019

US 85-709959		19850308		
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EP 85-307311		19851011		
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US 87-84785		19870813		
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US 88-193428		19880511		
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=> d 116 11-17

L16 ANSWER 11 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1997:70603 CAPLUS

DN 126:152987

TI Potential role for a regulator of G protein signaling (RGS3) in

\*\*\*gonadotropin\*\*\* - \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*

(GnRH)

stimulated desensitization

AU Neill, Jimmy D.; Duck, L. Wayne; Sellers, Jeffrey C.;

Musgrove, Lois C.;

Scheschonka, Astrid; Druey, Kirk M.; Kehrl, John H.

CS School of Medicine and Dentistry, University Alabama at

Birmingham,

Birmingham, AL, 35294, USA

SO Endocrinology (1997), 138(2), 843-846

CODEN: ENDOAO; ISSN: 0013-7227

PB Endocrine Society

DT Journal

LA English

L16 ANSWER 12 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1996:593949 CAPLUS

DN 125:245685

TI \*\*\*Gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*

multimer-leukotoxin chimeras, their preparation with recombinant

cells,

and their use as vaccines

IN Potter, Andrew A.; Manns, John G.

PA University of Saskatchewan, Can.

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI WO 9624675	A1	19960815	WO 96-CA49
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19960124

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,

CZ, DE, DK, EE,

ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR,

LS, LT,

LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,

RO, RU, SD, SE,

SG, SI

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES,

FR, GB, GR, IE,

IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,

GN, ML, MR,

NE, SN

US 5723129	A	19980303	US 95-387156	19950210
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AU 9644777	A1	19960827	AU 96-44777	19960124
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EP 808369	A1	19971126	EP 96-900796	19960124
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE,

PT, IE

BR 9607526	A	19971230	BR 96-7526	19960124
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PRAI US 95-387156 19950210

US 91-779171		19911016		
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US 92-960932		19921014		
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WO 96-CA49		19960124		
------------	--	----------	--	--

L16 ANSWER 13 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1995:770959 CAPLUS

DN 123:237617

TI P-fimbriae of Escherichia coli as carriers for

\*\*\*gonadotropin\*\*\*

\*\*\*releasing\*\*\* \*\*\*hormone\*\*\* : development of a

recombinant

contraceptive vaccine

AU van der Zee, Anneke; Noordegraaf, Cor Vonk; van den Bosch,

Han; Gielen,

Jeff; Bergmans, Hans; Hoekstra, Wiel; van Die, Irma

CS Department of Molecular Cell Biology, Utrecht, 3584 CH,

Neth.

SO Vaccine (1995), Volume Date 1995, 13(8), 753-8

CODEN: VACCDE; ISSN: 0264-410X

DT Journal

LA English

L16 ANSWER 14 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1995:662898 CAPLUS  
DN 123:167615  
TI Enhanced immunogenicity using leukotoxin chimeras  
IN Potter, Andrew A.; Redmond, Mark J.; Hughes, Huw P. A.  
PA University of Saskatchewan, Can.  
SO U.S., 64 pp. Cont.-in-part of U.S. Ser. No. 779,171, abandoned.  
CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
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PI US 5422110	A	19950606	US 92-960932
19921014			
WO 9308290	A1	19930429	WO 92-CA449
19921015			
W: AU, BG, CA, CS, JP			
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE			
AU 9226991	A1	19930521	AU 92-26991 19921015
US 5723129	A	19980303	US 95-387156 19950210
US 5708155	A	19980113	US 95-455970 19950531
CN 1179181	A	19980415	CN 96-192680 19960124
US 5837268	A	19981117	US 96-694865 19960809
PRAI US 91-779171		19911016	
US 92-960932		19921014	
WO 92-CA449		19921015	
US 95-387156		19950210	

L16 ANSWER 15 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:189730 CAPLUS  
DN 120:189730  
TI Gonadotropin releasing factor vaccines using the P-fimbrin of Escherichia coli as a carrier  
IN Van Der Zee, Anna; Van Die, Irma Marianne; Hoekstra, Willem Pieter Martin; Gielen, Josephus Theodorus  
PA AKZO N. V., Neth.  
SO Eur. Pat. Appl., 35 pp.  
CODEN: EPXXDW

DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI EP 578293	A1	19940112	EP 93-201712 19930615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
ZA 9304199	A	19940110	ZA 93-4199 19930614
CA 2098533	AA	19931219	CA 93-2098533
19930616			
HU 68554	A2	19950628	HU 93-1764 19930617
AU 9341343	A1	19931223	AU 93-41343 19930618
AU 667715	B2	19960404	
BR 9302408	A	19940111	BR 93-2408 19930618
JP 06056696	A2	19940301	JP 93-172381 19930618
PRAI EP 92-201775		19920618	

L16 ANSWER 16 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:183277 CAPLUS  
DN 120:183277  
TI Testosterone effects on spermatogenesis in the \*\*\*gonadotropin\*\*\*  
\*\*\*releasing\*\*\* \*\*\*hormone\*\*\* -immunized rat  
AU McLachlan, Robert I.; Wreford, Nigel G.; Tsonis, Con; de Kretser, David

M.; Robertson, David M.  
CS Prince Henry's Inst. Med. Res., Monash Univ., Clayton, 3168, Australia  
SO Biol. Reprod. (1994), 50(2), 271-80  
CODEN: BIREBV; ISSN: 0006-3363  
DT Journal  
LA English

L16 ANSWER 17 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:579169 CAPLUS  
DN 119:179169  
TI Enhanced immunogenicity using leukotoxin chimeras  
IN Potter, Andrew A.; Redmond, Mark J.; Hughes, Huw P. A.  
PA University of Saskatchewan, Can.  
SO PCT Int. Appl., 94 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
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PI WO 9308290	A1	19930429	WO 92-CA449
19921015			
W: AU, BG, CA, CS, JP			
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE			
US 5422110	A	19950606	US 92-960932 19921014
AU 9226991	A1	19930521	AU 92-26991 19921015
PRAI US 91-779171		19911016	
US 92-960932		19921014	
WO 92-CA449		19921015	

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REENTER DISPLAY FORMAT FOR ALL FILES  
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L16 ANSWER 13 OF 18 CAPLUS COPYRIGHT 1999 ACS  
AN 1995:770959 CAPLUS  
DN 123:237617  
TI P-fimbriae of Escherichia coli as carriers for \*\*\*gonadotropin\*\*\*  
\*\*\*releasing\*\*\* \*\*\*hormone\*\*\* : development of a recombinant contraceptive vaccine  
AU van der Zee, Anneke; Noordegraaf, Cor Vonk; van den Bosch, Han; Gielen, Jeff; Bergmans, Hans; Hoekstra, Wiel; van Die, Irma  
CS Department of Molecular Cell Biology, Utrecht, 3584 CH, Neth.  
SO Vaccine (1995), Volume Date 1995, 13(8), 753-8  
CODEN: VACCDE; ISSN: 0264-410X  
DT Journal  
LA English  
CC 63-3 (Pharmaceuticals)  
AB The demand for an effective and low cost means of fertility control of domestic animals has raised interest in the development of contraceptive vaccines. A promising candidate for a vaccine component is the brain peptide \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* (GnRH), which plays a central role in the regulation of



reproductive functions in vertebrates. Neutralization of GnRH by vaccine-induced antibodies is expected to prevent the reproductive activity in a wide range of species. A GnRH-protein conjugate was prepd. by means of recombinant DNA technol. The oligonucleotides encoding GnRH were inserted in hypervariable regions of the subunit gene of P-fimbriae of Escherichia coli. Hybrid fimbriae encoded by the manipulated fimbrial gene clusters were expressed efficiently on the cell surface of Escherichia coli. Vaccination of female rats and bull calves with purified hybrid GnRH-fimbriae strongly affected the reproductive characteristics. P-fimbriae represent a very attractive carrier system for application of GnRH in a new type of vaccine.

ST vaccine Escherichia carrier \*\*\*gonadotropin\*\*\*  
 \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* ; fimbriae Escherichia carrier GnRH  
 contraceptive vaccine

IT Plasmid and Episome  
 (pAI series, genes for fusion proteins of P-pilins and GnRH on;  
 recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

IT Contraceptives  
 Escherichia coli  
 Vaccines  
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

IT Gene, microbial  
 RL: THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

IT Pili  
 (P-, recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\*  
 \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

IT Gene  
 RL: THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (chimeric, for \*\*\*fusion\*\*\* \*\*\*protein\*\*\* of pilin and  
 \*\*\*gonadotropin\*\*\* - \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* ;  
 recombinant  
 contraceptive vaccine comprising P-fimbriae of Escherichia as carriers  
 for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*  
 )

IT Pilins  
 RL: BPN (Biosynthetic preparation); THU (Therapeutic use);  
 BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (fimbrins, P-, fusion products with GnRH; recombinant  
 contraceptive  
 vaccine comprising P-fimbriae of Escherichia as carriers for  
 \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* )

IT Gene  
 RL: THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (synthetic, for \*\*\*gonadotropin\*\*\* - \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* ; recombinant contraceptive vaccine

comprising  
 P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\*  
 \*\*\*releasing\*\*\* \*\*\*hormone\*\*\* )

IT 153678-16-1 153678-18-3  
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (nucleotide sequence, synthetic gene for GnRH deriv.;  
 recombinant  
 contraceptive vaccine comprising P-fimbriae of Escherichia as carriers  
 for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\* \*\*\*hormone\*\*\*  
 )

IT 9034-40-6DP, \*\*\*Gonadotropin\*\*\* \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* ,  
 fusion products with P-fimbrins  
 RL: BPN (Biosynthetic preparation); THU (Therapeutic use);  
 BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for \*\*\*gonadotropin\*\*\* \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

IT 168474-04-2 168474-05-3  
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (synthetic GnRH deriv., amino acid sequence, fusion products with  
 pilins; recombinant contraceptive vaccine comprising P-fimbriae of  
 Escherichia as carriers for \*\*\*gonadotropin\*\*\*  
 \*\*\*releasing\*\*\*  
 \*\*\*hormone\*\*\* )

=> d his

(FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999)

FILE 'MEDLINE, CAPLUS' ENTERED AT 09:56:22 ON 09 MAR 1999

L1 14797 S HEAT SHOCK PROTEINS  
 L2 197 S L1 AND UBIQUITIN  
 L3 0 S L2 AND GONADOTROPIN RELEASING HORMONE  
 L4 0 S L2 AND FSH  
 L5 0 S L2 AND FOLLICULE STIMULATING HORMONE  
 L6 0 S UBIQUITIN AND FOLLICULE STIMULATING HORMONE  
 L7 0 S UBIQUITIN AND FOLLICULE STIMULATING HORMONE RECEPTOR  
 L8 4 S FUSION PROTEIN AND FSH RECEPTOR  
 L9 3 DUP REM L8 (1 DUPLICATE REMOVED)  
 L10 0 S FUSION PROTEIN AND GONADOTROPIN RELEASING HORMONE  
 L11 0 S L1 AND GONADOTROPIN RELEASING HORMONE  
 L12 0 S L1 AND GROWTH FACTOR HORMONE  
 L13 322 S L1 AND IMMUNE RESPONSE  
 L14 256 DUP REM L13 (66 DUPLICATES REMOVED)  
 L15 11249 S GONADOTROPIN RELEASING HORMONE  
 L16 18 S L15 AND FUSION PROTEIN  
 L17 0 S L15 AND UBIQUITIN

L1 3 "KENTEN JOHN HENRY"/AU

=> d 1-3

L1 ANSWER 1 OF 3 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:610716 CAPLUS  
DN 119:210716  
TI Prodrugs activated by targeted catalytic proteins  
IN \*\*\*Kenten, John Henry\*\*\* ; Von Borstel, Reid; Casadei, Jan M.;

Kamireddy, Balreddy; Martin, Mark T.; Massey, Richard J.;  
Napper, Andrew  
D.; Simpson, David M.; Smith, Rodger G.; et al.

PA Igen, Inc., USA  
SO PCT Int. Appl., 371 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 9302703 A1 19930218 WO 92-US6530  
19920804

W: AU, CA, JP, KR

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,  
NL, SE

AU 9224408 A1 19930302 AU 92-24408 19920804

AU 673335 B2 19961107

EP 746336 A1 19961211 EP 92-917526 19920804

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU,  
MC, NL, SE

CN 1070409 A 19930331 CN 92-110882 19920805

ZA 9205882 A 19940106 ZA 92-5882 19920805

PRAI US 91-740501 19910805

US 91-773042 19911010

US 92-919851 19920731

WO 92-US6530 19920804

OS MARPAT 119:210716

L1 ANSWER 2 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1987:194784 CAPLUS

DN 106:194784

TI Transformed myeloma cell line and expression of a gene coding  
for a

eukaryotic polypeptide employing it

IN \*\*\*Kenten, John Henry\*\*\* ; Boss, Michael Alan

PA Celltech Ltd., UK

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 8605807 A1 19861009 WO 86-GB187  
19860401

W: AU, BG, GB, JP, SU, US

RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE

AU 8656665 A1 19861023 AU 86-56665 19860401

AU 584417 B2 19890525

EP 216846 A1 19870408 EP 86-901978 19860401

EP 216846 B1 19900110

EP 216846 B2 19950426

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

GB 2183662 A1 19870610 GB 86-28482 19860401

GB 2183662 B2 19890125

JP 62502377 T2 19870917 JP 86-501959 19860401

JP 2532858 B2 19960911

AT 49423 E 19900115 AT 86-901978 19860401

CA 1319120 A1 19930615 CA 86-505555

19860401

RU 2079553 C1 19970520 RU 86-4028654

19860401

PRAI GB 85-8442 19850401  
GB 85-21815 19850903  
EP 86-901978 19860401  
WO 86-GB187 19860401

L1 ANSWER 3 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1985:198970 CAPLUS

DN 102:198970

TI Multichain polypeptides or proteins

IN Boss, Michael Alan; \*\*\*Kenten, John Henry\*\*\* ; Emtage,  
John Spencer;

Wood, Clive Ross

PA Celltech Ltd., UK

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.  
DATE

PI WO 8403712 A2 19840927 WO 84-GB94  
19840323

WO 8403712 A3 19841122

W: JP, US

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